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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 FORM D



Series B Convertible Preferred Stock

Filing Under (Check box(es) that apply):

) F SALE OF SECURITIES PURSUANT TO REGULATION D, SECTION 4(6), AND/OR

UNIFORM LIMITED OFFERING EXEMPTION

□ Rule 504

OM	IB APPROVAL	
OMB NUMBER:	3235-0076	-
Expires:	April 30, 2008	
Estimated average burn		
hours per response	16. <u>00</u>	

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	Pre	fix		. 1		-	Serial		
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01	n 4(6)	□ ULO		RECI	EIVE		<u> </u>		
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			`	<i>\</i>					
	T	elephon	Number	(Inclu	ding	Area C	ode)		

Codon Devices, Inc. (Number and Street, City, State, Zip Code) Address of Executive Offices 617-995-7999 One Kendall Square, Building 300, Third Floor, Cambridge, MA 02139

□ Rule 505

Address of Principal Business Operations (if different from Executive Offices)

1. Enter the information requested about the issuer

(Number and Street, City, State, Zip Code)

Telephone Number (Including Area Code)

Brief Description of Business:

□ business trust

Biolechnology company focusing on enabling commercial applications of synthetic biology

Name of Offering (check if this is an amendment and name has changed, and indicate change.)

Name of Issuer (check if this is an amendment and name has changed, and indicate change.)

Type of Business Organization corporation

c) other (please specify): ☐ limited partnership, already formed ☐ limited partnership, to be formed

■ Rule 506 : □ Section

A. BASIC IDENTIFICATION DA

JAN 0 9 2007

Actual or Estimated Date of Incorporation or Organization

Month Year 07 2004

Actual

□ Estimated

Jurisdiction of Incorporation or Organization: (Enter two-letter U.S. Postal Service abbreviation for States CN for Canada; FN for other foreign jurisdiction)

THOMSON FINANCIAL

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 USC 77d(6).

When To File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address,

Wiren to File: U.S. Securities and Exchange Commission, 100 F. Street, N.E., Washington, D.C. 20549.

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the in formation requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

State: This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those states that have adopted ULOE an that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires a payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing of a federal notice.

•	Enter the information requested for the following: Each promoter of the issuer, if the issuer has been organized within the past five years; Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer; Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and Each general and managing partner of partnership issuers.								
Check	Box(cs) that Apply:	☐ Promoter	Beneficial Owner	☐ Executive Officer	■ Director	☐ General and/or Managing Partner			
	ame (Last name first, if individual)								
Afeya	r, Noubar	01	treet, City, State, Zip Cod	<u> </u>					
	is or Residence Address 	-	·						
	Box(es) that Apply:	□ Promoter	■ Beneficial Owner	■ Executive Officer	■ Director	☐ General and/or Managing Partner			
	me (Last name first, if individual)								
	r, John								
Busin	eis or Residence Address	(Number and S	treet, City, State, Zip Coo	k;					
c/o Co	jo Jon Devices, Inc., One Kendall Sq	uare, Building	300, Third Floor, Camb	ridge, MA 02139					
	Box(es) that Apply:	☐ Promoter	Beneficial Owner	☐ Executive Officer	Director	☐ General and/or Managing Partner			
Full N	time (Last name first, if individual)		,						
	Drew ess or Residence Address	(Number and S	reet, City, State, Zip Cod	e)					
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	odon Devices, Inc., One Kendall Sq	uare, Building	300, Third Floor, Camb						
	Box(es) that Apply:	□ Promoter	Beneficial Owner	□Executive Officer	■ Director	☐ General and/or Managing Partner			
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	ipiltar, Michael ess or Residence Address	(Number and S	treet, City, State, Zip Cod	le) '		<u> </u>			
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c/o C	don Devices, Inc., One Kendall Sq	uare, Building	300, Third Floor, Camb						
	Box(es) that Apply:	□ Promoter	■ Beneficial Owner	☐ Executive Officer	■ Director	☐ General and/or Managing Partner			
	Time (Last name first, if individual)								
Jacob	ion, Joseph	Olymber and	Street, City, State, Zip Co	de)					
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	don Devices, Inc., One Kendall Sc	uare, Building	300, Third Floor, Cami	bridge, MA-02139					
	Box(es) that Apply:	☐ Promoter	□ Beneficial Owner	D Executive Officer	■ Director	☐ General and/or Managing Partner			
Full 1	Name (Last name first, if individual)			ı					
Kenl	Samir			1					
	iss or Residence Address	(Number and	Street, City, State, Zip Co	ode)					
c/o C	indon Devices, Inc., One Kendall S	guare. Building	300, Third Floor, Cam	bridge, MA 02139					
	Box(es) that Apply:	O Promoter	☐ Beneficial Owner	☐ Executive Officer	■ Director	☐ General and/or Managing Partner			
	ame (Last name first, if individual)								
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	i'a, Vinod ness or Residence Address	(Number and	Street, City, State, Zip C	ode)	-				
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	Box(es) that Apply:	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	■ Director	☐ General and/or Managing Partner			
	Name (Last name first, if individual)								
	o's, Joseph		·		,				
Busi	ress or Residence Address		Street, City, State, Zip C	•					
c/o (bdon Devices, Inc., One Kendall S	quare, Buildin	g 300, Third Floor, Cam	bridge, MA 02139					

A. BASIC IDENTIFICATION DATA

y		A. BASIC IDENT	IFICATION DATA	,				
 Enter the information requested for the following: Each promoter of the issuer, if the issuer has been organized within the past five years; Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer; Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and Each general and managing partner of partnership issuers. 								
Check Box(es) that Apply:	□ Promoter	☐ Beneficial Owner	☐ Executive Officer	■ Director	☐ General and/or Managing Partner			
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Palay, Bob Business or Residence Address	(Number and	Street, City, State, Zip Co	de)	·				
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c/o Codon Devices, Inc., One Kendall								
Check Bex(es) that Apply:	☐ Promoter	■ Beneficial Owner	■ Executive Officer	□ Director	☐ General and/or Managing Partner			
Full Name (Last name first, if individual	,							
Baynes, Brian		, .	····					
Business or Residence Address	(Number and	Street, City, State, Zip Co	de)					
c/o Codon Devices, Inc., One Kendall	Sanare, Buildins	300. Third Floor, Camb	oridge, MA 02139					
Check lick(es) that Apply:	□ Promoter	■ Beneficial Owner	☐ Executive Officer	☐ Director	☐ General and/or Managing Partner			
Full Name (Last name first, if individual								
1		•						
Highland Capital Partners VII Limite Business or Residence Address	(Number and	Street, City, State, Zip Coo	le)	-				
Busiless of Residence Address	(14milloci and .	suces, City, State, Elp Col	.c,					
92 Hayden Avenue, Lexington, MA 02	421							
Check Bax(es) that Apply:	□ Promoter	■ Beneficial Owner	□Executive Officer	☐ Director	☐ General and/or Managing Partner			
Full Nanic (Last name first, if individua	1)							
 Highland Capital Partners VII-C Lim	ited Partnership)	J					
Business or Residence Address	(Number and	Street, City, State, Zip Co	de)	>=				
			i					
92 Hayden Avenue, Lexington, MA 02 Check Box(es) that Apply:		- Description	☐ Executive Officer	☐ Director	D General and/or Managing Partner			
Full Name (Last name first, if individua	□ Promoter	Beneficial Owner			D Ochean and or (vialiaging Farther			
Full Name (Last name tirst, it individua	''			and the same of th				
Alloy Ventures 2002, L.P.								
Business or Residence Address	(Number and	Street, City, State, Zip Co	ode)					
400 Hamilton Avenue, 4th Floor, Palo	Alto, CA 94301	•	ı	••				
Check Box(es) that Apply:	☐ Promoter	■ Beneficial Owner	☐ Executive Officer	Director	☐ General and/or Managing Partner			
Full Nan e (Last name first, if individua								
Flagship Ventures Fund 2004, L.P. Business or Residence Address	(Number and	Street, City, State, Zip Co	nde)					
Dubiness of Mediacuce Address	frammer and	ouver, eny, orac, alp O	,					
One Me uborial Drive, 7th Floor, Can					A			
Check Box(es) that Apply:	□ Promoter	■ Beneficial Owner	☐ Executive Officer	□ Director	☐ General and/or Managing Partner			
Full Name (Last name first, if individua	ıl)							
Khosia Fentures I, L.P.								
Busines or Residence Address	(Number an	d Street, City, State, Zip C	Code)					
Maria Paula C	A 0403E		· •					
2744 Sand Hill Road, Menlo Park, C. Check Box(es) that Apply:		■ Deneficial Ones-	☐ Executive Officer	□ Director	☐ General and/or Managing Partner			
Full Name (Last name first, if individua	□ Promoter	■ Beneficial Owner	D EXCUSIVE OFFICE	O Director	Concide month transfer & a dici			
The two is the manie that, it motivious	•							
KPCB Holdings Inc.			 					
Business or Residence Address	(Number an	d Street, City, State, Zip (Code)	-	•			
C/o Kleiser Perkins Caufield & Byer	s, 2750 Sand Hi	il Road, Menio Park, CA	94025					

	A. BASIC IDENTIFICATION DATA									
2.	Einter the information requested for the following: Each promoter of the issuer, if the issuer has been organized within the past five years; Each beneficial owner having the power to vote or dispose, or direct the vote or disposition of, 10% or more of a class of equity securities of the issuer; Each executive officer and director of corporate issuers and of corporate general and managing partners of partnership issuers; and Each general and managing partner of partnership issuers.									
Check	Box(es) that Apply:	☐ Promoter	■ Beneficial Owner	☐ Executive Officer	☐ Director	☐ General and/or Managing Partner				
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Chur	 th, George									
	ess or Residence Address	(Number and S	Street, City, State, Zip Co.	de)						
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	Fox (cs) that Apply:	- D	D Beneficial Owner	Executive Officer	☐ Director	☐ General and/or Managing Partner				
	into (Last name first, if individual)	□ Promoter	D Beliefferal Owner	Executive Officer	Li Director	O General and/or Managing Partner				
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	the, Jennifer	(Number and S	Street, City, State, Zip Co-	de)						
Dusin		(Number and 2	i incer, City, State, Zip Co			. ·				
	don Devices, Inc., One Kendall So									
	Box(es) that Apply:	□ Promoter	☐ Beneficial Owner	■ Executive Officer	D Director	General and/or Managing Partner				
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	Craig									
Busin	iss or Residence Address.	(Number and S	Street, City, State, Zip Coo	1c)		•				
c/o C	idua Devices, Inc., One Kendall Sc	quare, Building	300, Third Floor, Camb	bridge, MA 02139						
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Full N	nme (Last name first, if individual)									
Fitzp	itrick, Michael J.			_						
	es or Residence Address	(Number and S	Street, City, State, Zip Coo	de)						
ela C	ides Devices, Inc., One Kendall Se	nuace Building	300. Third Floor, Cami	hridge, MA 02139	•					
Check	Hox(cs) that Apply:	□ Promoter	☐ Beneficial Owner	☐ Executive Officer	Director	☐ General and/or Managing Partner				
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Check	(Boxyes) that Apply:	Promoter	Beneficial Owner	☐ Executive Officer	□ Director	☐ General and/or Managing Partner				
	lame (Last name first, if individual)	O Fromoto	D Deliciteia Owlici	LACOUTTO OTHOR	Li Director	D Centra and of Franching Carter				
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	t Hex(es) that Apply: Inne (Last name first, if individual)	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	□ Director	☐ General and/or Managing Partner				
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i	B. INFORMATION ABOUT OFFERING		
1. Ha	the issuer sold, or does the issuer intend to sell, to non-accredited investors in this offering?	Yes	No
	Answer also in Appendix, Column 2, if filing under ULOE.	0	*
2. Wi	it is the minimum investment that will be accepted from any individual?	\$ N/A	
		Yes	No
3. D	s the offering permit joint ownership of a single unit?	•	0
Sini assi dec	er the information requested for each person who has been or will be paid or given, directly or indirectly, any commission or illur remuneration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an existed person or agent of a broker or dealer registered with the SEC and/or with a state or states, list the name of the broker or ter. If more than five (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information that broker or dealer only.		
11	c (Last name first, if individual)		
None.			
Busines	or Residence Address (Number and Street, City, State, Zip Code)		
Name of	Associated Broker or Dealer		· · · · · · · · · · · · · · · · · · ·
	•		
States in	which Person Listed Has Solicited or Intends to Solicit Purchasers		
1	(Check "All States" or check individual States)	All States	
_[AL] _[IL] _[MT]	_ (AK) _ (AZ) _ [AR] _ (CA) _ [CO] _ [CT] _ [DE] _ [DC] _ [FL] _ [GA] _ [IN] _ [IA] _ [KS] _ [KY] _ [LA] _ [ME] _ [MD] _ [MA] _ [MI] _ [MN] _ [NY] _	_ [OR]	_ [ID] _ [MO] _ [PA]
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'uli na::	(Lust name first, if individual)		
Busines:	or Residence Address (Number and Street, City, State, Zip Code)		
Vame of	Associated Broker or Dealer		·.
itates in	which Person Listed Has Solicited or Intends to Solicit Purchasers		
	(Check "All States" or check individual States)	All States	
_[AL] [IL]	_ [AK] _ [AZ] _ [AR] _ [CA] _ [CO] _ [CT] _ [DE] _ [DC] _ [FL] _ [GA] _ [IN] _ [IA] _ [KS] _ [KY] _ [LA] _ [ME] _ [MD] _ [MA] _ [MI] _ [MN]	_ [HI] _ [MS]	_ [ID] _ [MO]
_ [M1]	[NE] $[NV]$ $[NH]$ $[NH]$ $[NM]$ $[NY]$ $[NC]$ $[ND]$ $[OH]$ $[OK]$	_ [OR]	[PA]
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Full Nan	te (Last name first, if individual)		
Busines	or Residence Address (Number and Street, City, State, Zip Code)		
Name ()	Associated Broker or Dealer		
			
States iii	which Person Listed Has Solicited or Intends to Solicit Purchasers		
, i	(Check "All States" or check individual States)	All States	
_[AL]	_ [AK] _ [AZ] _ [AR] _ [CA] _ [CO] _ [CT] _ [DE] _ [DC] _ [FL] _ [GA]	_ [H]] [MS]	_ [ID]
_ (iL)" _ (M1 _ (Ri),	[IN] [IA] [KS] [KY] [LA] [ME] [MD] [MA] [MI] [MN] [NE] [NV] [NH] [NJ] [NM] [NY] [NC] [ND] [OH] [OK] [SC] [SD] [TN] [TX] [UT] [VT] [VA] [WA] [WV] [WI]	_ [MS] _ [OR] _ [WY]	_ [MO] _ {PA] _ [PR]

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

	Enter the aggregate offering price of securities included in this offering and the to already sold. Enter "0" if answer is "none" or "zero." If the transaction is an excluded this box cand indicate in the columns below the amounts of the securities of exchange and already exchanged.	lange offering,	Aggregate Offering Price	Amount Already Sold
	Tipe of Security		•	
	Den .	***************************************	5	\$
	Equity		\$_20,008,521	\$ <u>20,008,521</u>
	□ Common ■ Preferred	•		
	Convertible Securities (including warrants)		S	S
	Plantiership Interests		S	\$
	Cuber (Specify)		S	\$
	Total .		\$ <u>20,008,521</u>	s <u>20,008,521</u>
	Answer also in Appendix, Column 3, if filing under ULOE.	1		
	Linter the number of accredited and non-accredited investors who have purchased offering and the aggregate dollar amounts of their purchases. For offerings unde indicate the number of persons who have purchased securities and the aggregate their purchases on the total lines. Enter "0" if answer is "none" or "zero."	r Kule 504.	Number of Investors	Aggregate Dollar Amount of Purchases
	Accredited investors		10	\$ 20,008,521
		4		s
	Total (for filings under Rule 504 only)			s
3.	If this tiling is for an offering under Rule 504 or 505, enter the information requirements sold by the issuer, to date, in offerings of the types indicated, in the two prior to the first sale of securities in this offering. Classify securities by type list Question 1.	cive (12) months	Type of Security	Dollar Amount Sold
	Type of offering	,		s
	Rule 505			s
	Regulation A			
	Rule 504			s
	Total			\$
4.	a. Furnish a statement of all expenses in connection with the issuance and districtives in this offering. Exclude amounts relating solely to organization experimental in the information may be given as subject to future contingencies. If the amount is not known, furnish an estimate and check the box to the left of the estimate.	enses of the issuer.		
	Transfer Agent's Fees			. S
	Printing and Engraving Costs		a	s
	Legal Fees		•	\$ <u>80,000 </u>
	Accounting Fees.			\$
•	Engineering Fees		o	\$
	Sales Commissions (specify finders' fees separately)		D	s
	Other Expenses (identify)		0	s
	Total		- , -	\$ 80,000
	[Ma]	***************************************	=	

	C. OFFERING PRI	CE, NUMBER OF INVESTORS	S, EXPE	NSES AN	ND USE OF PROCEEDS			
	b. Enter the difference between the aggregate offering price given in response to Part C – Question I and total expenses furnished in response to Part C – Question 4.a. This difference is the adjusted gross proceeds to the issuer. Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C – Question 4.b above.							
5.								
					Payments to Officers, Directors, & Affiliates		Payments To Others	
	Salaries and fees				\$	0	s	
	Purchase of real estate			0	\$		\$	
	Purchase, rental or leasing and installation of mac	hinery and equipment		0	s	0	s _	
	Construction or leasing of plant buildings and faci	Construction or leasing of plant buildings and facilities				_	s	
	Acquisition of other business (including the value					_		
	that may be used in exchange for the assets or sec			0	s	D	S	
	Repayment of indebtedness			_ D	\$	_ _	s	
	Working capital			0	S		\$ 19,928,521	
	Diher (specify):			a	\$	-	¢	
			-	IJ	<u> </u>	ш	<u> </u>	
					2		•	
	Column Totals.		•	0	•	0	3	
	•				S0		\$ <u>19,928,521</u>	
	Total Payments Listed (column totals added)				≡ \$ <u>1</u>	9,928,521	<u>[</u>	
	14 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D. FEDERAL SIG		E				
	<u>1.</u>							
an u	issuer has duly caused this notice to be signed by the dertaking by the issuer to furnish to the U.S. Secu accredited investor pursuant to paragraph (b)(2) of	rities and Exchange Commission,	rson, if i upon wri	his notice tten reque	is filed under Rule 505, the est of its staff, the information	following 1 furnishe	signature constitutes d by the issuer to any	
leon	ej (Print on Type)	Signature ///			Date			
	on Devices, Inc.	Signature A		/	December 19, 2006			
		- J JAMON	w)	December 19, 2000			
Nan	te of Signer (Print or Type)	Title of Signer (Print or Type)						
Jeni	alser Canacho	Secretary and Vice President	of Intell	ctual Pro	perty			

ATTENTION

Intentional misstatements or omissions of fact constitute federal criminal violations. (See 18 U.S.C. 1001.)